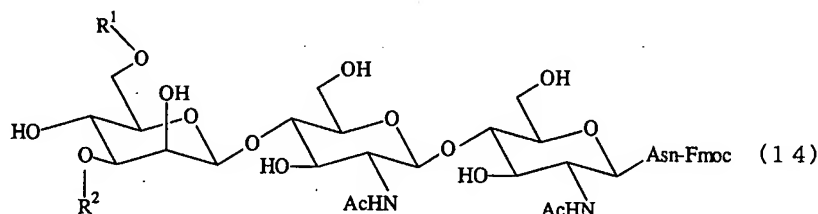


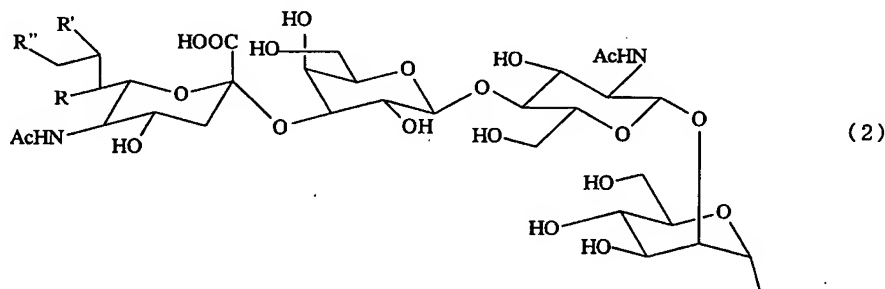
IN THE CLAIMS:

1 - 8. (canceled)

9. (currently amended) A process for preparing an asparagine-linked  $\alpha$ 2,3-monosialooligosaccharide derivative having nonasaccharide and represented by the formula (14) given below, ~~the process being characterized by hydrolyzing an asparagine-linked monosialooligosaccharide derivative represented by the formula (13) using a galactosidase~~



wherein one of R<sup>1</sup> and R<sup>2</sup> is a group represented by the formula (2),



wherein R, R' and R'' are in the following combinations

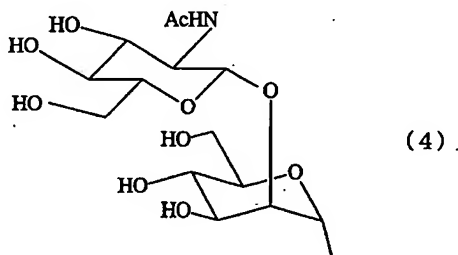
(a) R=F, R'=OH, R''=OH,

(b) R=OH, R'=F, R''=OH,

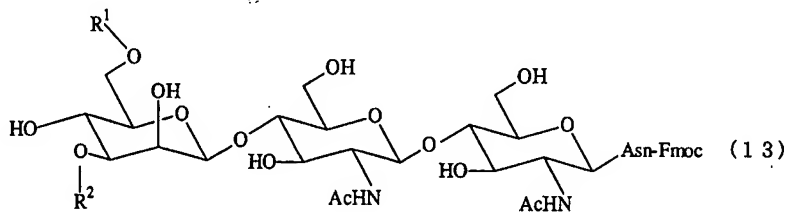
(c) R=OH, R'=OH, R''=F, and

(d) R=OH, R'=OH, R''=OH,

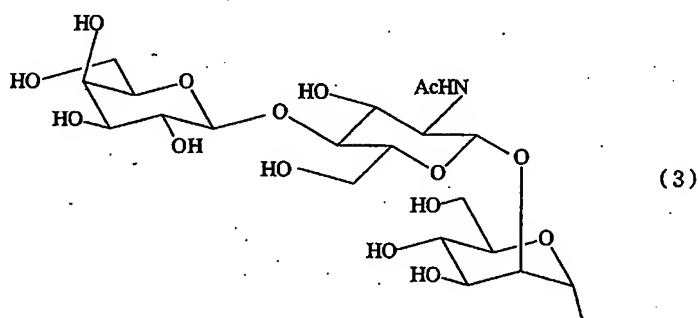
and the other thereof is a group represented by the formula (4),



the process being characterized by hydrolyzing an asparagine-linked monosialooligosaccharide derivative represented by the formula (13) using a galactosidase



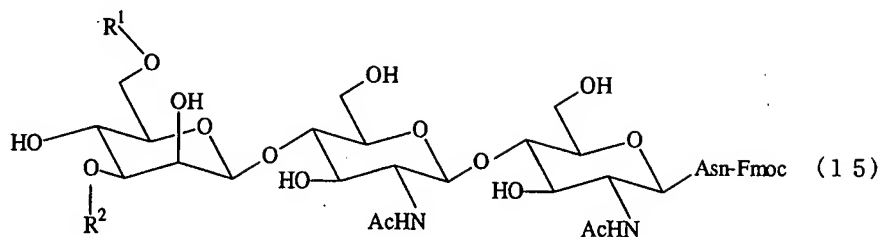
wherein one of  $R^1$  and  $R^2$  is a group represented by the formula (2),  
and the other is represented by formula (3),



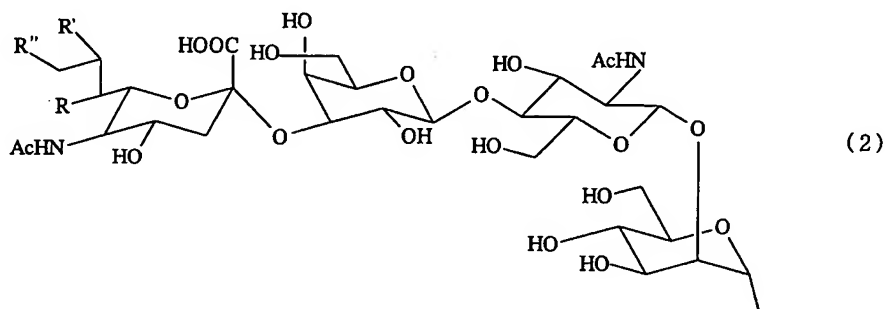
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~~wherein one of  $R^1$  and  $R^2$  is a group represented by the formula (2),~~  
~~and the other thereof is a group represented by the formula (4),~~  
~~wherein formula (2) and formula (4) are as defined in claim 1.~~

10. (currently amended) A process for preparing an asparagine-linked  $\alpha$ 2,3-monosialooligosaccharide derivative having octasaccharide and represented by the formula (15) given below, ~~the process being characterized by hydrolyzing an asparagine-linked monosialooligosaccharide derivative represented by the formula (14) using an N-acetylglucosaminidase~~



wherein one of R<sup>1</sup> and R<sup>2</sup> is a group represented by the formula (2),



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wherein R, R' and R'' are in the following combinations

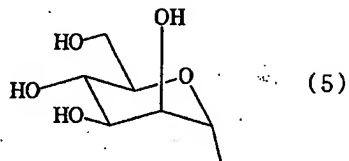
(a) R=F, R'=OH, R''=OH,

(b) R=OH, R'=F, R''=OH,

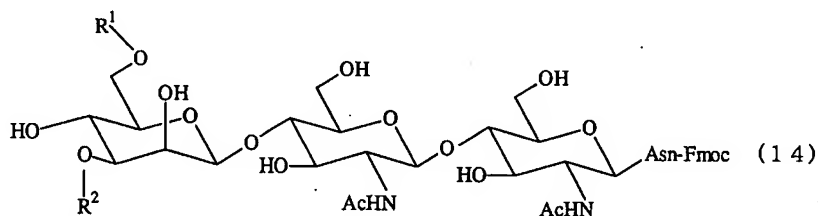
(c) R=OH, R'=OH, R''=F, and

(d) R=OH, R'=OH, R''=OH,

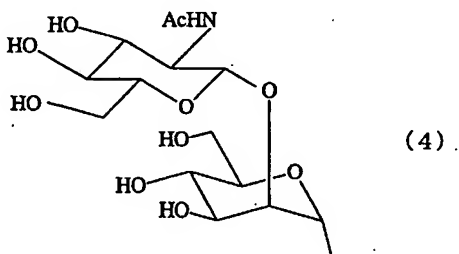
and the other thereof is a group represented by the formula (5),



the process being characterized by hydrolyzing an asparagine-linked monosialooligosaccharide derivative represented by the formula (14) using an N-acetylglucosaminidase

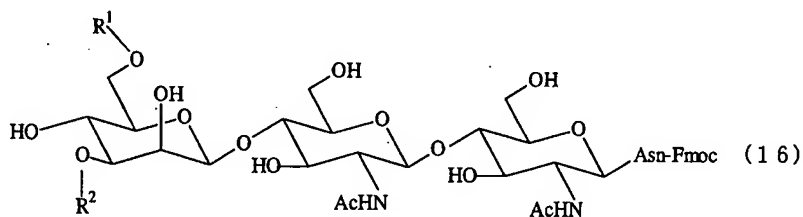


wherein one of R<sup>1</sup> and R<sup>2</sup> is a group represented by the formula (2), and the other thereof is a group represented by the formula (4),

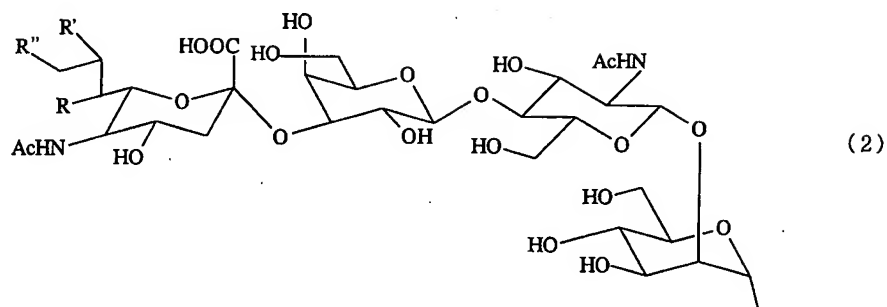


~~wherein one of  $R^1$  and  $R^2$  is a group represented by the formula (2),  
and the other thereof is a group represented by the formula (5),  
wherein formula (2) and formula (5) are as defined in claim 1.~~

11. (currently amended) A process for preparing an asparagine-linked  $\alpha$ 2,3-monosialooligosaccharide derivative having heptasaccharide and represented by the formula (16) given below, ~~the process being characterized by hydrolyzing an asparagine-linked monosialooligosaccharide derivative represented by the formula (15) using a mannosidase~~



wherein one of  $R^1$  and  $R^2$  is a group represented by the formula (2),



wherein R, R' and R'' are in the following combinations

(a) R=F, R'=OH, R''=OH,

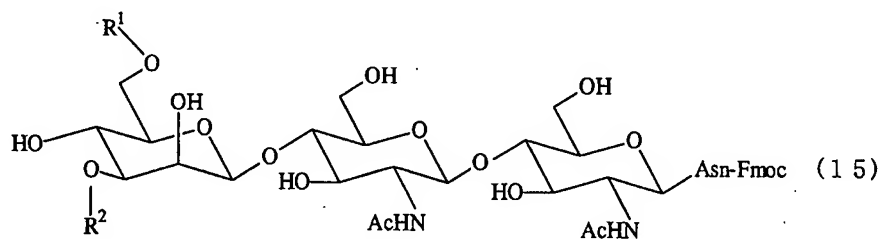
(b) R=OH, R'=F, R''=OH,

(c) R=OH, R'=OH, R''=F, and

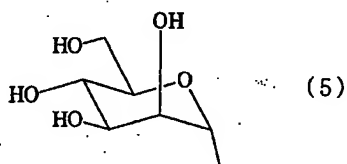
(d) R=OH, R'=OH, R''=OH,

and the other thereof is a hydrogen atom;

the process being characterized by hydrolyzing an asparagine-linked monosialooligosaccharide derivative represented by the formula (15) using a mannosidase



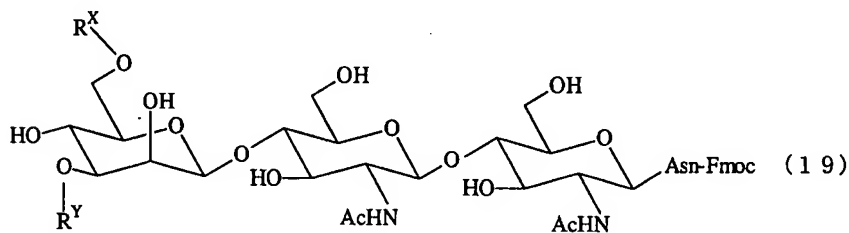
wherein one of  $R^1$  and  $R^2$  is a group represented by the formula (2)  
and the other thereof is a group represented by formula (5),



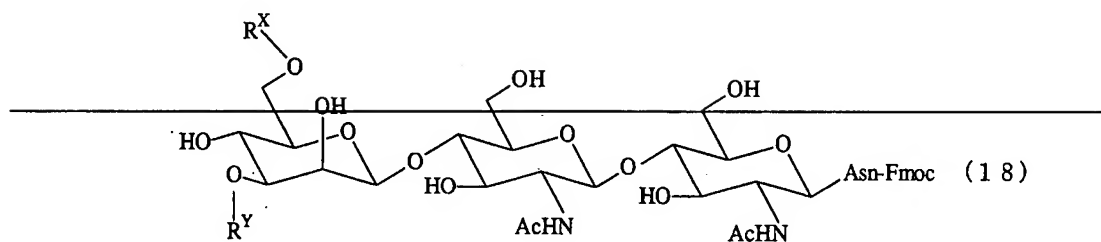
~~wherein one of  $R^1$  and  $R^2$  is a group represented by the formula (2)~~  
~~as defined in claim 1, and the other thereof is a hydrogen atom.~~

12 - 13. (canceled)

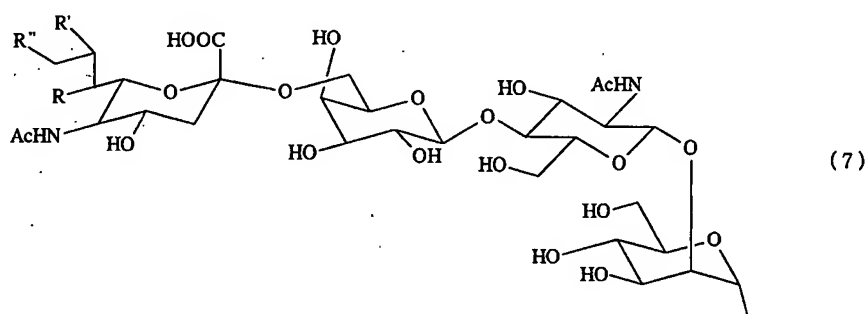
14. (currently amended) A process for preparing an asparagine-linked  $\alpha$ 2,6-monosialooligosaccharide derivative having nonasaccharide and represented by the formula (19) given below, ~~the process being characterized by hydrolyzing an asparagine-linked monosialooligosaccharide derivative represented by the formula (18) using a galactosidase~~







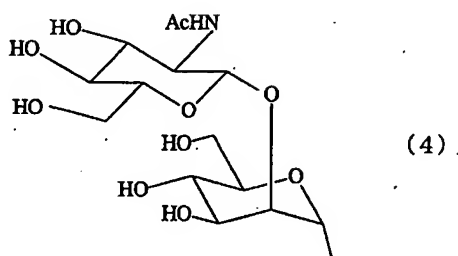
wherein one of  $R^x$  and  $R^y$  is a group represented by the formula (7)



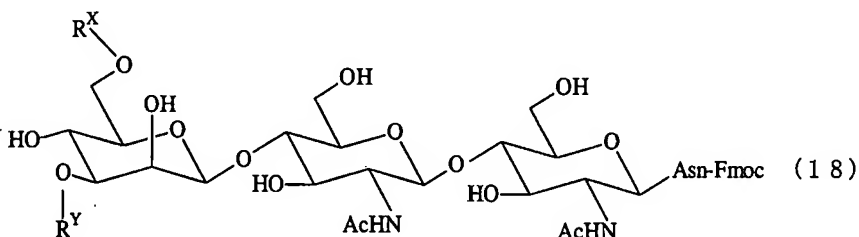
wherein  $R$ ,  $R'$  and  $R''$  are in the following combinations

- (a)  $R=F$ ,  $R'=OH$ ,  $R''=OH$ ,
- (b)  $R=OH$ ,  $R'=F$ ,  $R''=OH$ , and
- (c)  $R=OH$ ,  $R'=OH$ ,  $R''=F$ ,

and the other thereof is a group represented by the formula (4)

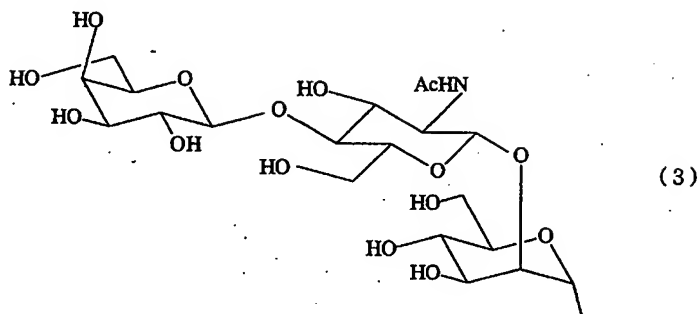


the process being characterized by hydrolyzing an asparagine-linked monosialooligosaccharide derivative represented by the formula (18) using a galactosidase

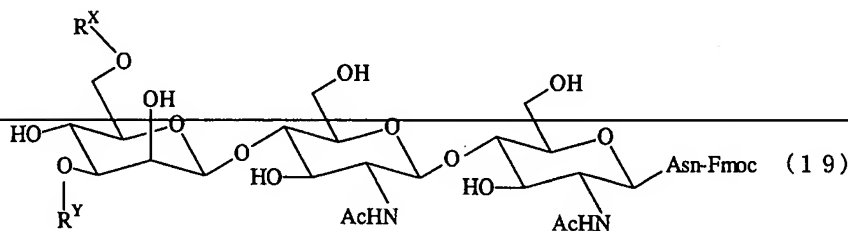
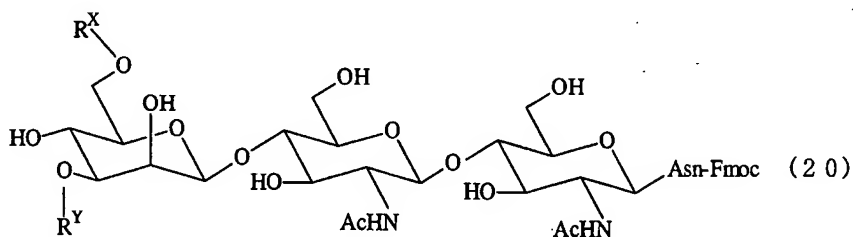


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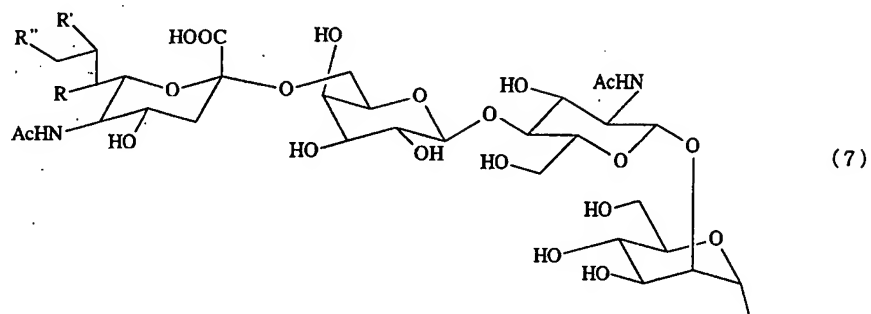
wherein one of R<sup>X</sup> and R<sup>Y</sup> is a group represented by the formula (7) and the other thereof is a group represented by the formula (3)



15. (currently amended) A process for preparing an asparagine-linked  $\alpha$ 2,6-monosialooligosaccharide derivative having octasaccharide and represented by the formula (20) given below, ~~the process being characterized by hydrolyzing an asparagine-linked monosialooligosaccharide derivative represented by the formula (19) using an N-acetylglucosaminidase~~



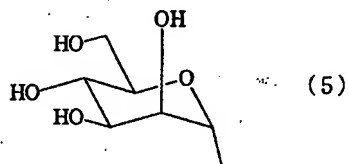
wherein one of  $R^x$  and  $R^y$  is a group represented by the formula (7)



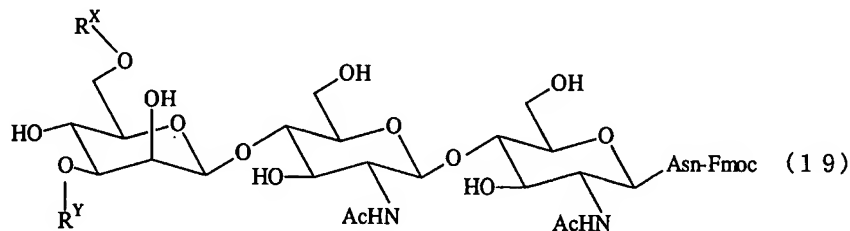
wherein  $R$ ,  $R'$  and  $R''$  are in the following combinations

- (a)  $R=F$ ,  $R'=OH$ ,  $R''=OH$ ,
- (b)  $R=OH$ ,  $R'=F$ ,  $R''=OH$ , and
- (c)  $R=OH$ ,  $R'=OH$ ,  $R''=F$ ,

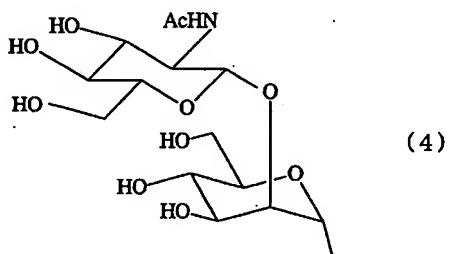
and the other thereof is a group represented by the formula (5)



the process being characterized by hydrolyzing an asparagine-linked monosialooligosaccharide derivative represented by the formula (19) using an N-acetylglucosaminidase

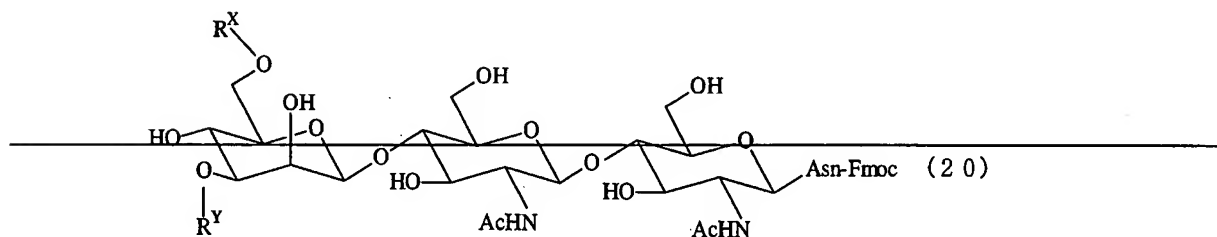
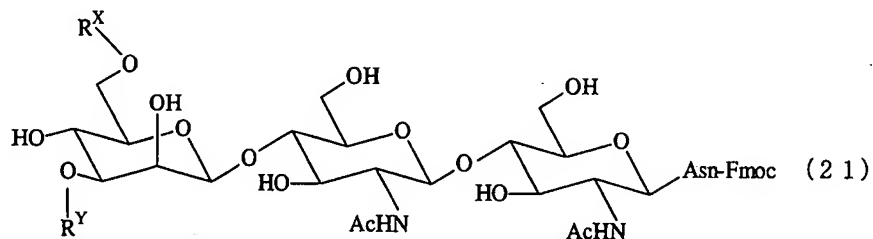


wherein one of R<sup>X</sup> and R<sup>Y</sup> is a group represented by the formula (7) and the other thereof is a group represented by the formula (4)

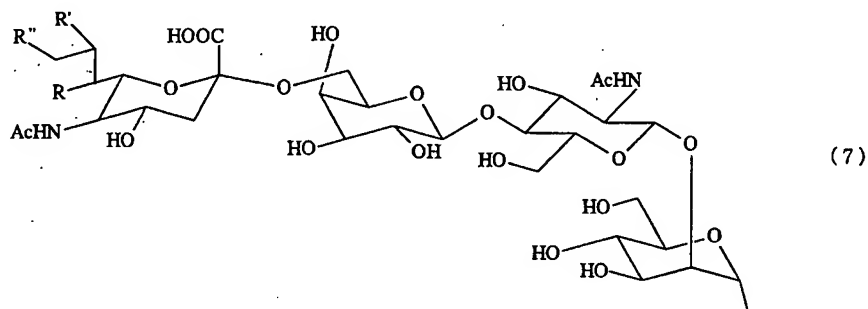


16. (currently amended) A process for preparing an asparagine-linked  $\alpha$ 2,6-monosialooligosaccharide derivative having heptasaccharide and represented by the formula (21) given below,  
~~the process being characterized by hydrolyzing an asparagine-linked~~

~~monosialooligosaccharide derivative represented by the formula (20)~~  
~~using a mannosidase~~



wherein one of  $R^x$  and  $R^y$  is a group represented by the formula (7)  
~~as defined in claim 2, and the other thereof is a hydrogen atom~~



wherein R, R' and R'' are in the following combinations

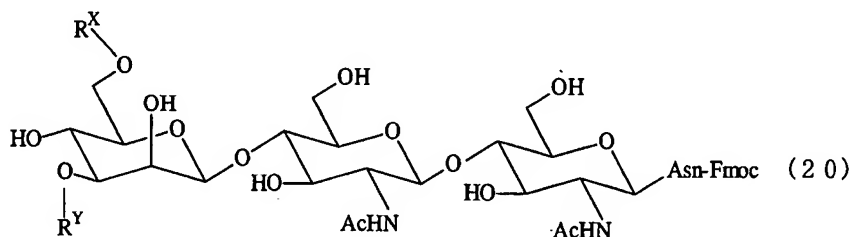
(a) R=F, R'=OH, R''=OH,

(b) R=OH, R'=F, R''=OH, and

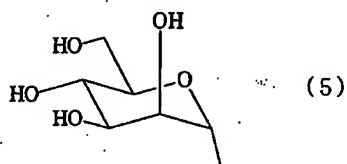
(c) R=OH, R'=OH, R''=F,

and the other thereof is a hydrogen atom,

the process being characterized by hydrolyzing an asparagine-linked monosialooligosaccharide derivative represented by the formula (20) using a mannosidase

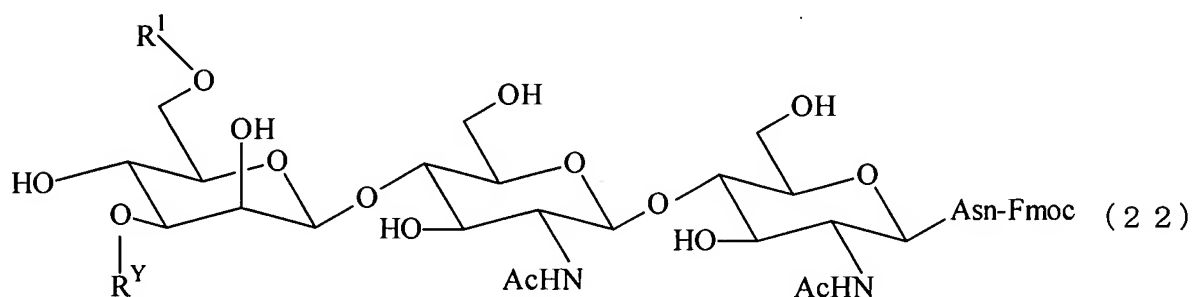


wherein one of R<sup>X</sup> and R<sup>Y</sup> is a group represented by the formula (7)  
and the other thereof is a group represented by the formula (5)



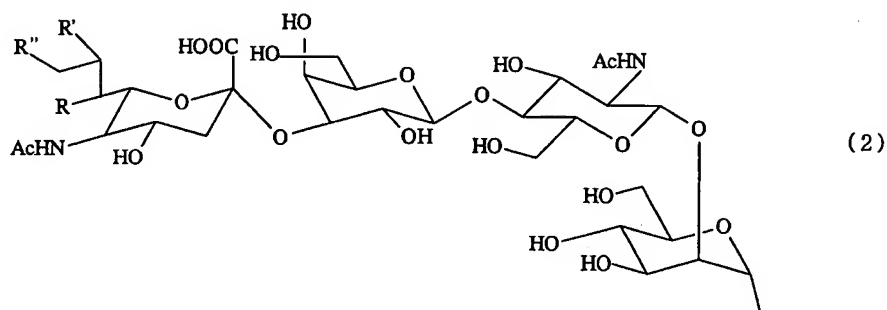
17 - 20. (canceled)

21. (currently amended) An asparagine-linked ( $\alpha$ 2,3) ( $\alpha$ 2,6)-oligosaccharide derivative having undecasaccharides containing fluorine and represented by the formula (22) given below



(22)

wherein  $R^I$  is a group represented by the formula (2) ~~as defined in claim 1,~~





wherein R, R' and R'' are in the following combinations

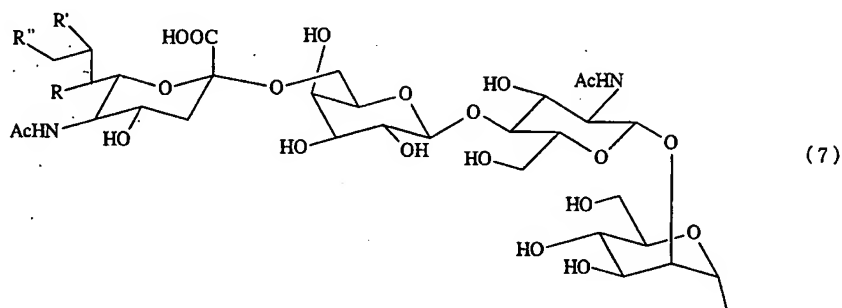
(a) R=F, R'=OH, R''=OH,

(b) R=OH, R'=F, R''=OH,

(c) R=OH, R'=OH, R''=F, and

(d) R=OH, R'=OH, R''=OH,

and R<sup>y</sup> is a group represented by the formula (7) below



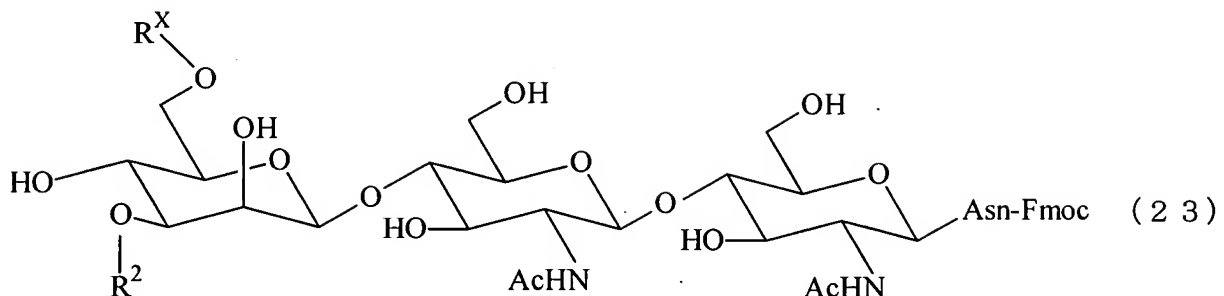
wherein R, R' and R'' are in the following combinations

(a) R=F, R'=OH, R''=OH,

(b) R=OH, R'=F, R''=OH, and

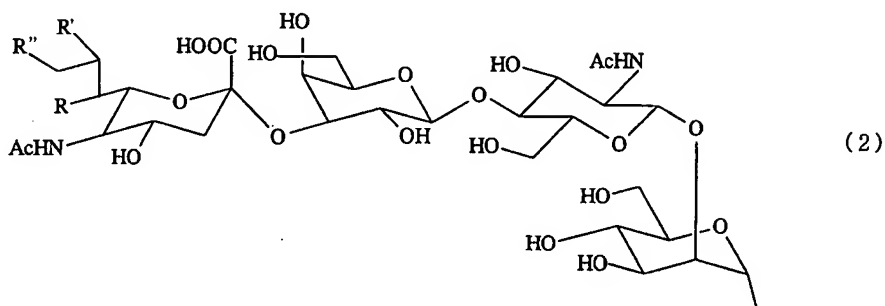
(c) R=OH, R'=OH, R''=F.

22. (currently amended) An asparagine-linked ( $\alpha$ 2,3) ( $\alpha$ 2,6)-oligosaccharide derivative having undecasaccharides containing fluorine and represented by the formula (23) given below



(23)

wherein  $R^2$  is a group represented by the formula (2) ~~as defined in claim 1,~~



wherein  $R$ ,  $R'$  and  $R''$  are in the following combinations

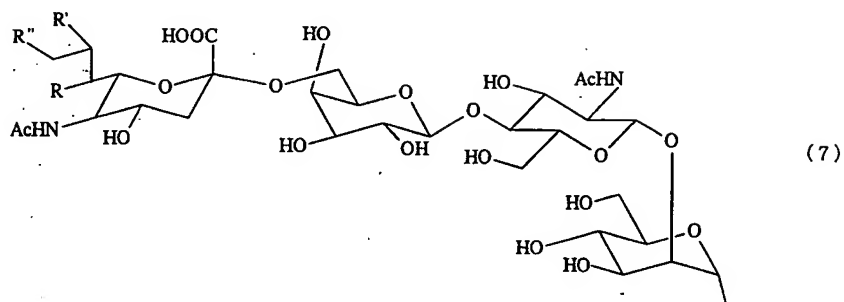
(a)  $R=F$ ,  $R'=OH$ ,  $R''=OH$ ,

(b)  $R=OH$ ,  $R'=F$ ,  $R''=OH$ ,

(c)  $R=OH$ ,  $R'=OH$ ,  $R''=F$ , and

(d)  $R=OH$ ,  $R'=OH$ ,  $R''=OH$

and  $R^x$  is a group represented by the formula (7) below[[.]]



wherein R, R' and R'' are in the following combinations

- (a) R=F, R'=OH, R''=OH,
- (b) R=OH, R'=F, R''=OH, and
- (c) R=OH, R'=OH, R''=F.

23 - 28. (canceled)